

Meter Breakers — EUSERC Approved Service Entrance Devices 100A – 225A

Table 5-46. West Coast/EUSERC Approved Meter Breaker Units

Ampere Rating	Distribution	Meter Security	UL	EUSERC	Distribution Breakers	Main	Surface Mount	Flush Mount	Price U.S. \$
							Catalog Number	Catalog Number	
Ring Style All-In-Ones (Includes Distribution Section)									
100	14/28	Ring	UG	UG	BR	BR2100 10,000 AIC	MBE1428B100BS	MBE1428B100BF	495.
100	22	Ring	UG	UG	CH	CH2100X 10,000 AIC	CMBE2222B100BS	CMBE2222B100BF	480.
125	14/28	Ring	UG	UG	BR	BR2125 10,000 AIC	MBE1428B125BS	MBE1428B125BF	920.
125	18/36	Ring	UG	UG	BR	BR2125 10,000 AIC	MBE1836B125BS	MBE1836B125BF	1,015.
125	22	Ring	UG	UG	CH	CH2125X 10,000 AIC	CMBE2222B125BS	CMBE2222B125BF	780.
150	8	Ring	UG/OH	UG/OH	CH	CSR2150 22,000 AIC	CMBE88B150BTS	CMBE48B150BTF	790.
150	32/42	Ring	UG	UG	CH	CSR2150 22,000 AIC	CMBE3242B150BS	CMBE3242B150BF	1,090.
200	4/8	Ring	UG/OH	UG/OH	BR	BW2150 10,000 AIC	MBE48B200BTS	MBE48B200BTF	730.
200	8	Ring	UG/OH	UG/OH	BR	BW2200 10,000 AIC	MBE88B200BTS	MBE88B200BTF	760.
200	8	Ring	UG/OH	UG/OH	CH	CSR2200 22,000 AIC	CMBE88B200BTS	CMBE88B200BTF	830.
200	8/16	Ring	OH	OH	BR	Provision	MBE816P200TS	N/A	970.
200	12	Ring	UG	UG	BR	MLO 10,000 AIC	MBE1212L200BS	N/A	860.
200	12	Ring	UG	UG	CH	MLO 10,000 AIC	CMBE1212L200BS	N/A	1,140.
200	12	Ring	OH	OH	CH	MLO 10,000 AIC	CMBE1212L200TS	N/A	1,140.
200	12	Ring	OH	OH	BR	MLO 10,000 AIC	MBE1212L200TS	N/A	860.
200	20/40	Ring	UG	UG	BR	BW2200 10,000 AIC	MBE2040B200BS	MBE2040B200BF	1,150.
200	20/40	Ring	OH	OH	BR	Provision	MBE2040P200TS	MBE2040P200TF	1,065.
200	32/42	Ring	UG	UG	CH	CSR2200 22,000 AIC	CMBE3242B200BS	CMBE3242B200BF	1,190.
200	40	Ring	UG/OH	UG/OH	BR	BW2200 10,000 AIC	MBE4040B200BTS	N/A	1,475.
200	42	Ring	UG/OH	UG/OH	CH	CSR2200 22,000 AIC	CMBE4242B200BTS	N/A	1,675.
225	32/42	Ring	UG	UG	CH	CSR2225 22,000 AIC	CMBE3242B225BS	CMBE3242B225BF	1,390.

Dimensions **TD.31F.01.T.E**
 Wiring Diagrams **TD.31F.01.T.E**
 Knockouts **TD.31F.01.T.E**
 Discount Symbol **22-CD**

Residential Meter Breakers



Residential Meter Breakers

Product Description

A meter breaker is service entrance equipment that consists of a single meter socket and loadcenter (circuit breaker distribution section) or meter socket and main breaker combined in one enclosure. Sometimes called Combos, All-In-Ones, Meter Centers or Meter Mains these units are increasing in popularity as the socket and load-center or main breaker are located in one location, thus providing the contractor with a labor and material savings when installing.

Application Description

In addition to residential installations, meter breakers are equally applicable for rural service entrance, mobile homes, and construction site temporary power. Meter breakers are most often sold in the western, southwestern and southeastern United States. The popularity of meter breakers is continuing to increase as more utilities deregulate and pass the responsibility of supplying watt-hour meter sockets on to the electrical contractor.

Application Considerations

We have the meter breaker to meet your application. Cutler-Hammer offers:

- Non-EUSERC
- EUSERC/West Coast (Electrical Utility Service Equipment Requirements Committee)
- House Panels
- Commercial Safety Sockets

Non-EUSERC (Pages 5-44 and 5-45)

The Cutler-Hammer line of Non-EUSERC meter breakers are designed for customers served by utilities that are not members of EUSERC.

EUSERC/West Coast (Pages 5-46 through 5-48)

The Cutler-Hammer line of EUSERC approved devices adhere to the agreed upon standards. EUSERC utilities are predominately located in the Western United States, but some Eastern and Midwestern utilities are also members. **These units can also be used in many Non-EUSERC areas.**

House Panels (Pages 5-49 through 5-55)

CH Style (Pages 5-49 through 5-51)

BR Style (Pages 5-52 through 5-55)

Meter breaker device rated at 300-400A. Applied in EUSERC and Non-EUSERC areas.

Commercial Safety Sockets (Pages 5-56 through 5-60)

Applied in EUSERC and Non-EUSERC service areas and used in commercial applications.

Standards and Certifications

- UL Specification 414
- UL File Number E52977
- AEIC-EEI-NEMA Standards (MSJ-7)
- Meet EUSERC Utility requirements where noted
- Documented Seismic Qualified — UBC and CBC Title 24

Product Specification

- Ratings single-phase, 3-wire, 120/240V AC
- 100 through 225 ampere main breaker and main lug types
- 10,000 amperes rms symmetrical short circuit rating

Features, Benefits and Functions

- Both BR and CH type branch circuit breaker styles available
- Meets latest NEC wire bending space requirements
- Slotted sealing screws at hub with sealing provision provided
- Surface units are supplied with mounting tabs
- Semi-flush units are supplied with stucco flange.
- Meter socket ring landing will accept locking security rings
- Overhead or underground service
- Fifth jaw can be installed in the 3 o'clock or 9 o'clock position
- Semi-flush with nail flange or surface mounting
- Meter mounting and underground pull sections are utility sealable
- Units are rated a minimum of 10,000 AIC; some units are 22,000 AIC
- Numerous units supplied with center keyhole for ease of mounting.

Renewal Parts

- Consult RP.31F.01A.T.E for a listing of Renewal Parts.

Technical Data and Specifications

Consult TD.31F.01.T.E for dimensions, wiring diagrams and knockouts.

EUSERC Approved Service Entrance Devices 100A – 225A



*EUSERC Approved
Service Entrance Devices 100A – 225A*

Product Description

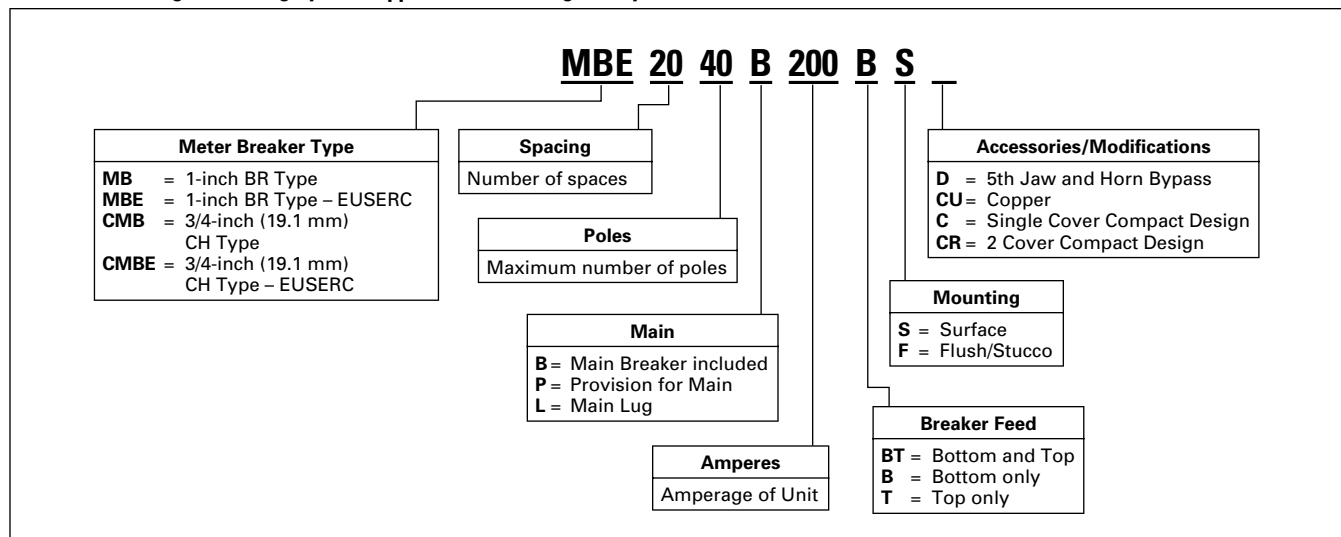
Cutler-Hammer is proud to introduce a new line of West Coast/EUSERC Meter Breaker units. The new EUSERC devices complement the existing standard meter breaker devices. This transition will take place in the Fourth Quarter 2000. Some of the new designs were not available at the time of printing this catalog. Customers who are interested in the complete meter breaker line of products can refer to Sales Aid Number — SA.31.F01.SE.

Features, Benefits and Functions

- 1-phase, 3-wire, 120/240V, 10,000 AIC
- Larger 300 kcmil lugs and additional knockouts for ease of installation
- Box type main lugs are included
- Factory installed neutrals
- Hub provisions on top endwall. If hubs are required, order "DS" type hubs.
- Ring type sockets are provided with a sealing ring
- Padlockable device covers provide an additional measure of security, and help prevent tampering.
- Most units have center keyhole for easy one-person installation.
- Clip-Tight™ socket has reduced connections. This offers fewer hot spots and improves socket integrity.

Product Selection

Table 5-44. Catalog Numbering System (Applies to New Designs Only)



Dimensions and Knockouts (Type CH Style House Panels) — Dimensions in Inches

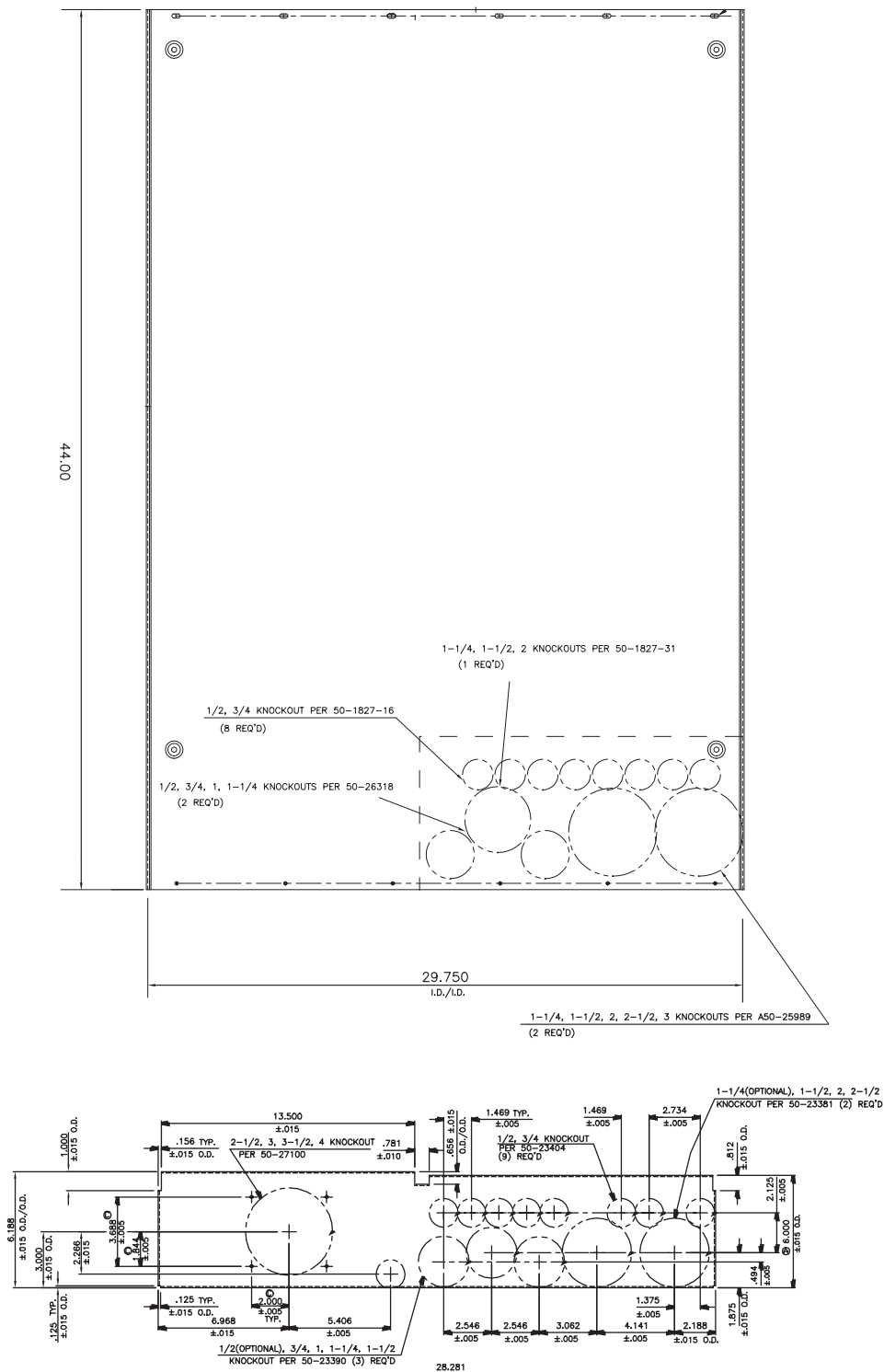


Figure 5-34. House Panel Dimensions and Knockouts